



Hunter Xci Ply and Xci Ply (Class A) – Wall Assembly Guide Summary

Per Chapter 26 of the International Building Code, the wall assembly shall be tested in accordance with and comply with the acceptance criteria of NFPA 285. The listed assemblies in this document have met that criteria.

I BASE WALL SYSTEM	FRTW (Fire-retardant-treated wood) studs: min nominal 2x4 dimension, spaced 24" o.c. (max) with 5/8" type X Gypsum Wallboard Interior and bracing as required by code
II CLADDING FAMILY TYPE	<p>Masonry—Brick veneer anchors, standard types, installed maximum 24 inches o.c. vertically. Maximum 2 inch air gap between exterior insulation and brick. Standard nominal 4 inch thick or greater, clay brick.</p> <p>Thin Brick, Cultured Stone—Set in thin set adhesive and metal lath that has been tested to and passed the ASTM E119 standards or passed NFPA 285 at 3/4" minimum.</p> <p>TABS Panel II System—1/2" thick bricks using TABS Wall Adhesive. Glen Gery - Thin Tech Elite.</p> <p>Limestone or Natural Stone—Minimum 2.0" thick, Limestone or Natural Stone Veneer. Any standard non-open joint installation technique can be used.</p> <p>Stone Aluminum—Stone Aluminum Honeycomb Composite Panels that have been successfully tested by the panel manufacturer via the NFPA 285 test method. Any standard installation technique can be used.</p> <p>Cast Artificial Stone—Minimum 1 1/2" thick complying with ICC-ES AC51. Any non-open joint installation technique such as shiplap may be used.</p> <p>Fiber Cement Porcelain, Ceramic Tile—Minimum 1/4" thickness. Any standard installation technique can be used.</p> <p>Terra Cotta Cladding—Use any Terra Cotta Cladding System in which Terra Cotta is minimum 1/2". Any non-open joint installation technique or ventilated shiplap may be used.</p> <p>Autoclaved Aerated Concrete—AAC panels that have successfully passed NFPA 285 criteria.</p> <p>Metal Exterior—Metal Exterior wall coverings such as Steel, Aluminum, Copper and Zinc (Zinc with Class A only). Any standard installation technique can be used.</p> <p>MCM System—Use any Metal Composite Material system that has been successfully tested by the panel manufacturer via the NFPA 285 test method. Any standard installation technique can be used.</p> <p>Stucco—Minimum 1/2" thick, Exterior Cement Plaster and Lath.</p> <p>HPL—FunderMax m.look minimum 1/4" thick using any standard installation technique.</p>
III MATERIAL OPTIONS	<ol style="list-style-type: none"> 1) 4.2" max thickness of Hunter Xci Ply and Xci Ply (Class A), inclusive of factory adhered 5/8" or 3/4" Fire Treated Plywood within overall max thickness 2) 4.7" max thickness of Hunter Xci Ply and Xci Ply (Class A), inclusive of factory adhered 5/8" or 3/4" Fire Treated Plywood within overall max thickness with non-combustible claddings¹
IV FLOORLINE FIRESTOPPING	Mineral fiber based safing insulation in each cavity at floor line. Safing thickness must match cavity depth. OR Solid FRTW blocking at floor line in accordance with building code requirements for Type III construction.
V STUD CAVITY	Any noncombustible insulation, Carlisle SPI SealTite PRO CC ¹ , BASF Walltite ¹ , NCFI InsulBlock SPF ^{1,2} , Icynene MD-C-200v3 (ProSeal) up to 5 1/2" ^{1,2} , SWD Urethane Quik-Shield 112 ^{1,2} , 1.5" minimum Thermosteal 2000 (up to full cavity) ² , or None
VI EXTERIOR SHEATHING	<ol style="list-style-type: none"> 1) 1/2" (min) thick exterior gypsum sheathing OR 1/2" (min) FRTW structural panels in Type III construction OR None¹ 2) USG Securock Exoair 430 System³ 3) 5/8" Georgia Pacific DensElement flashed with Prosoco R-Guard FastFlash on sheathing joints³
VII WEATHER RESISTIVE MEMBRANE APPLIED TO BASE WALL	None
VIII WEATHER RESISTIVE MEMBRANE APPLIED TO EXTERIOR INSULATION	Hunter Xci VP-SA WRB

¹Contact Hunter Panels for details regarding this option. ²Can only be used with 1/2" or greater Gypsum Sheathing. ³When this is used, do not use WRB on base wall surface.

The location and number of WRBs in the wall assembly are determined by the architect.